From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: wdzeares@ix.netcom.com (W. Dennis Zeares)
Subject: [3254] 30 Meter QRP Freq??
Message-ID: <199601240020.QAA03923@ix6.ix.netcom.com>

What is the "official" qrp frequency for 30 M?
I once read that it was 10.106, and I noted Chuch was listening
on 10.120. Is there any agreement on this issue?
72/73 Dennis K3ETS, Dallas, Texas

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3193] 40M es stuff
Message-ID: <199601231232.MAA26206@chuck.dallas.sgi.com>

Gang,

Well, seems like the world is up awfully late/early. Re Larry's
post of 2 a.m. I'm up at 4 a.m. and 40M is rock solid. Not many
soles up this early, but those of us who are are having fun.

I have the SWL-40 on the desk just checking it out after frying
it's little brother the other day. Makes me sad, but I'll get
it fixed soon. Not to worry. Anyway worked VA for 1,211 miles
and NJ for even more. Both Q's over 30mins each and not a hint
of QSB. Very unusual for the way 40M has been this winter.

Getting only 549 and a 559, but hey I'll take it.

I was looking at the Feb issue of QST and saw that TenTec has
a new two meter FM kit that may be interesting for two reasons:
1. it is QRP at 5W (maybe Wayne can come up with a CW mod :-))
2. I'm interested in an experiment. Here it is:

A while back, here in Dallas, we had a famous ham in the area
WB5IIR, John Haerle. What made John special was a lot of things
but one in particular was that he was elmer to a lot of guys and
gals in the Dallas area.

Now the way he did this was that he got on the air for one hour
almost every night of the week on 2M simplex. He had a pretty high
tower and he was in Frisco about 30 miles or so north of downtown
Dallas. He would alternate nights first with theory and operating
procedures for all license classes and then the next night would do

code practice from 5wpm to 20wpm.

If you think about this, this is an almost perfect way to get people to upgrade and cover a lot of territory at the same time.

1. Everyone can listen from their own home, thus no travel and rush. You can even serve your own favorite snacks etc.
2. Most hams in this day and age have a 2M rig of some kind (except me. I used to but after John got killed by a drunk driver I just kinda gave up on 2M and sold rig a few years ago to a digital droid in CO :-) :-)) Last time I got on 2M someone came on one of the Dallas repeaters playing something recorded off of Howard Stern radio program - definitely not in good taste.) Anyway, I digress again.
3. I guess if you had interference problems, you could get a "real foxhunt going".
4. You'd surely get a lot of coverage with a good antenna up high.
5. You can't and don't wanna do this with a repeater, unless you owned it and even then someone would give you the devil for doing it.
6. Non-licensed individuals would be able to listen if they could borrow or buy a receiver.
7. You don't have to worry about finding a common ground and meeting times, cleanup, security, etc.
8. Periodically have the copy W1AW, if they have a receiver, and you give them the text the same night. Give 'em CP certificates for good copy. (CP-code proficiency)
9. Have a Q&A period afterwards for those with licenses.

We could work on, with the technical expertise of this group, the best way to generate and play code into a FM xmtr. It is legal to generate audio practice for this purpose on 2M.

Something to think about in your area. Team up, make it a club project. DO IT. Get a good game plan, either using ARRL or W5YI materials or combo, and maybe a eye-to-eye session once a month to do hands on soldering, tuning rigs, etc. Heck be creative.

First person on this list to get the TT rig, let us know about it's quality, etc. Surely TenTec isn't about to let his slip by.
I don't have the issue in front of me, it's at work, but something like $195 with digital display, split operation, etc. Microprocessor based probably using the same technology that is in the Scout.

OK, enough already.

While typing this into the computer, worked 8 stations outta 8 calls. Got lucky. One CO2 (Cuba, not Carbon Dioxide :-)).

He asked for the QSL via callbook address. That's a switch.

Stan "Mr DX NC40a" N6ULU has over 40 countries since
the start of the foxhunt this year. I'm up to like 28 or
so on 40M. Looks like I'm once again being outdown by the
master. With three weeks of travel in Feb I'm outta luck and
outta time. So Stan gets a free burger at the Feb meeting
of NorCal and I guess I'll have to bring a trophy or something.
:-)

I hope to make the foxhunt tonight but gotta an invitation to
see a world class collection of keys and I can't turn that down.
Also gotta pick up my teardrop McElroy straight key which has
been on loan for about 6 years. I'll catch you guys on late.

dit dit

--
Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [3264] 624 Kits 6m amp info
Message-ID: <Pine.3.89.9601162128.A3842-0100000@w3eax.umd.edu>

Just talked to Pat Bunn, N4LTA, owner of 624 Kits.

His 6m amp is featured in October 1990 QST, page 18. In its standard
form, it takes 10 watts to drive it to 100 watts output, and the PC board
and all board-mounted components costs $125 postpaid.

Need to add RF connectors, a case, and a heatsink.

Just thought y'all'd like to know, as it's been talked about with no
details given. I thought I'd et it right from the horse's mouth. There are
provisions for making it a 160 watt amp as well.

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Aa4xx <aa4xx@nando.net>
Subject: [3187] 80 M net report
Message-ID: <Pine.SUN.3.91.960122230432.11866G-100000@bessel.nando.net>

Gang,

I'm not sure any of us were expecting the big turnout for last Sunday's session. We had around 25 check-ins from all over the place--WI, MI, NY, NJ, MD, VA, NC, PA, OH, GA, IN, TN, and MO. It's a great way to get to know QRPers from all over. I was impressed by how many of the stations were running less than one watt. Thanks for stopping by to say hello. Hope to see you next week on 3560 KHz at 10 PM EST (0300 Z).
72,
Paul, AA4XX

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3209] Antenna Feb QST
Message-ID: <199601231549.PAA26610@chuck.dallas.sgi.com>

Gang,

One more post here and I'll get outta your hair.

On page 65 of February issue of QST. There is an antenna article (one pager) by Bill Wright, G0FAH, of London England. Title of article is "Four Bands, Off Center". Two lengths of 23' and 46' wire fed by 300 ohm or 450 ohm ladder line with balun.

This antenna is very close to what I have and have been using for over a year from the Dallas QTH. My end corresponding to his 46' is more like 90', but I can attest to the value of such an antenna.

Look at my success (well, in my mind 200+ contacts at 0.95W) on 30M last summer. I use a MFJ-941C tuner and I'll let you know how the St. Louis Tuner is gonna do on the same antenna.

Not bragging here, but for those of you who are wanting a cheap antenna this one is it. Look, about 55' or 111'

of feed line you're looking at maybe a total investment
of $30 or so. Maybe less. Use ladder line, not twinlead!!
If you don't have a tuner or balun, then yes, more money.

Mine is up only 3M or so, but hey it works for me. Chuckles
say's check it out.

And Bill, G0FAH, thanks for a great article. You guys in G-land
convey my regards to the chap. A pint on me.

There is a footnote about 300 ohm ladderline. It is readily
available here too. I've seen it at hamfests and stores just
about everywhere now. It's what I use as it is lighter, smaller
than 450 ohm ladderline, which I also have and have used.
All you nay-sayers about ladder line will have to show me a
better and cheaper way. My OHR wattmeter shows with 0.95W
forward only 1mW or so coming back with the tuner and I get
heard 90% of the time. QED.

:-) Yes, I'd like a 40M Yagi, but the neighbors 70' tower would be in
the way. :-) I'm going to run over to Stan's N6ULU QTH in CA
in February and see how it is to work from an antenna farm. :-)

dit dit
--
Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>
Subject: [3222] ARK-40 For Sale
Message-ID: <199601231702.MAA09182@comm1.ab.umd.edu>

Gang -
  Well the purchase of a QRP+ has forced me to put up my ARK-40 for
sale. It's a great little rig, features direct digital frequency chooosing,
nice CW filters (wide and narrow), RIT military grade boards and
cabinet. I have used this as my main rig for a year and thoroughly
enjoyed it, but need cash for the new rig. Sacrifice for $200.00

Email: mcclun@clark.net
phone: (410) 461-3775

John, N3REY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>
Subject: [3235] ARK-40 For Sale
Message-ID: <199601231837.NAA11632@comm1.ab.umd.edu>

Whew!!!
  That was fast! The rig was sold, hope the new owner enjoys it as much as I have.

John, N3REY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: fred@ott.net (Fred Ringwald)
Subject: [3220] Boatanchors?
Message-ID: <199601231650.KAA11796@is.ott.net>

I am new to the group. I have enjoyed reading all your messages.
Thanks!

After reading about the questions and answers about boatanchors, I was still unable to discern what boatanchors is? Would someone please enlighten me?

Thanks, and I hope to see you on the air.

Fred Ringwald   913-242-4829
2228 Labette Road   fred@ott.net
Ottawa, KS 66067-8977   AB0AE

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: kf8at@detroit.ampr.org
Subject: [3250] Boatanchors?
Message-ID: <1758@detroit.ampr.org>

I am new to the group. I have enjoyed reading all your messages.
Thanks!

After reading about the questions and answers about boatanchors, I was still unable to discern what boatanchors is? Would someone please enlighten me?

Thanks, and I hope to see you on the air.

Fred Ringwald 913-242-4829
2228 Labette Road fred@ott.net
Ottawa, KS 66067-8977 AB0AE

Well Fred, some of those 100 lb receivers and 600 lb transmitters that are "floating" (pardon the pun!) around out in the swaps and gov't auctions would hold a yacht very nicely at anchorage! Once you try moving some of this stuff for friends or at swaps, you'll be telling everyone that you'd rather carry a boatanchor around 'cuz they're easier to handle! Get the picture?!

73 and welcome!

Floyd, KF8AT

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [3236] CHARLES CASHION
Message-ID: <9601231837.AA14058@itg.ti.com>

From: Brad Bradfield QLF

Subj: CHARLES CASHION

Sorry to use the bandwidth guys but got a bad address - - - -

TO: Charles Cashion

I apparently copied your address down wrong as it comes back as an unknown host and I've already deleted your earlier personal post. Please re-send your e-mail address.

Brad Bradfield, WB0CGH

QLF@MSG.TI.COM

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>
Subject: [3195] Crystal filters or DSP? -Reply

Message-ID: <s104984c.067@LAKEHURST.NAVY.MIL>

A crystal filter at the pre-audio amplifier stage
of the receiver combined with an outboard DSP is a
very good combination. This is the set-up that I
use.

A DSP alone at the detector stage (such as a
number of the high-end rigs) is better. I have
not had the pleasure of putting a built-in DSP
system through its paces, but have heard much
praise from those that have.

A point to remember: Any outboard filter (DSP or
not) is doing more work less efficiently; it is
filtering already amplified signals. Filtering
unwanted signals at the detector stage is best.

My father has a radio with no built-in, narrow
filters, but uses an outboard DSP. The set-up
works well for him.

If you don't want to spring for both, go for the
outboard DSP. It will be useful on SSB and CW
(and, perhaps, the other digital modes.)

73 de KA2GSL

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [3210] CW OPERATION
Message-ID: <9601231552.AA01929@itg.ti.com>

From: Brad Bradfield   QLF

Subj: CW OPERATION

I've been reading the mail on CW operation of two-meter FM rigs, like the
Ten-Tec kit, and the problems inherrent. It would be simple to build a keying
circuit into the radio to key the final. For ten years or so I operated CW
beacons on six and two. The transmitters used were FM transmitter strips made
by Hamtronix. We simply broke the emitter line of the final and keyed it with
a transistor. Worked great. The only problem we had was some amount of
back-wave (bleed through) which we never totally resolved. It was, however,
acceptable and is still in operation, under WB5LUA's call now.

73's

Brad, WB0CGH

****

Brad Bradfield, PE
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Corinth, TX 76205

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ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)

Collector of wireless and landline Morse keys and accessories.

****

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Subject: [3231] Dayton
Message-ID: <5FDB8D26F4@iunhaw1.iun.indiana.edu>

I assume anyone interested in going to Dayton is on the Dayton-l net
of this server. If not, I got my room this morning at Days Inn South
for the big event although I am not staying for the whole event.

Call them direct at 513-847-8422 and speak with either Molly or Bonny
in sales. They will take care of you. Remember to tell them you are
with the qrp group to get the $70/nite rate (plus taxes, of course).

Rooms are available.

72 de Tim WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

(219)980-6866

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [3217] excuse the post with original
Message-ID: <n1389728748.32206@msmailgw1.arlut.utexas.edu>

Sri, hit send too quick.-STUART K5KVH

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "John Foote" <John_Foote_at_HDN-BCSE@ccgate.ml.nec.com>
Subject: [3203] Filters or DSP
Message-ID: <9600238224.AA822421334@mvlsmtp.ccgate.ml.nec.com>

"So ... what's gonna be, Dion --- Crystal filters, or DSP?"

"Both ... Both."

72 de KR4GL
John Foote

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [3261] Fireside SSB Sprint
Message-ID: <199601240157.UAA07850@brutus.bright.net>

I finally got one (each) of my R2 and T2 kits mated together
together this past week and fired it up on SSB for the Fireside
Sprint. The T2 only puts out a milliwatt or so, so I added a '3866
and a MOSFET amp to get it up to a booming 450mw.

The R2 is just as impressive on receive as the article said - very
quiet, and the filtering is excellent. It was much easier to listen
to than my TR-7. Very pleased with the R2....

On the TX side - 450mw on 40 with a low inverted vee is rough....
the guys who worked me did all the work.

Like someone else on the list mentioned - about three pm the
commercail stuff got too thick and I just couldn't be heard. I could

hear others in there, but not in the test.

Worked 9 QSO's on 40 single band - only missed N2GQD and WB2KKX who
were not able to hear me. I even had a couple of answers to my CQ's.
(I had to call CQ even with 450 mw - no one else was on!).

Looking forward to the next one.

73
73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
http://qrp.cc.nd.edu/kanga/

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: W Marty Ray/DELCO <WMRAY@mail.delcoelect.com>
Subject: [3197] Four Days?
Message-ID: <9601231713.AA4210@lnusde.delcoelect.com>

>Also I hope EVERY QRPer is planning on arriving WEDNESDAY night May 15 so
>you'll be in time to attend the "Four Days in May (c)" QRP Symposium on
>Thursday May 16.

What is "Four Days in May"?

72 de NN9H, Marty Ray

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Bill Acito 23-Jan-1996 0859 <acito@asdg.ENET.dec.com>
Subject: [3196] Front End Protection, QRP+
Message-ID: <9601231401.AA28524@us1rmc.bb.dec.com>

> Someone had asked about protecting the front end of a QRP+ form
> static and nearby discharges.
>
> Larry East, W1HUE, has a mod in this month's QQ, placing diodes
> across the receiver line (not antenna line, receiver).
>
> What voltages will smoke the SBL-1? I'm wondering if a small
> neon bulb across the line will help as well (90V limit).

b

. . . . . - I own my own words - . . . . . .
Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS .:. qrp-ne .:. qrp-l .:. qrp-arci .:. norcal .:. arrl life .:.

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Johnson_Dan@AAC.COM
Subject: [3219] How to Lie with Statistics
Message-ID: <9601231954.22763.ad@SMROUTER.AAC.COM>

On 1/17, Paulette Quick <plquick@factstaff.wisc.edu> quoted a Newsline report:

> Then there's the Newsline Report that says that the Technician class now
> accounts for "a little over 41% of all radio amateurs licensed."

> Newsline continues to say that "from December of 1994 to December of 1995
> some 41,244 people joined the ranks of radio amateurs with the majority
> -- 30,195 -- being no-code Techs. And very few of the newcomers are
> bothering to upgrade. There were about 129,500 Technician class hams who
> had passed a code test in the FCC's records in 1991 when the code free
> Technician was introduced. Now, almost five years later, there are only
> about 139,500 coded Techs. In other words, in the five years since
> no-code licensing was introduced, only 10,000 or so no-coders have
> bothered to upgrade."

This has been bothering me. If the quote is accurate, then Newsline has erred and may have - intentionally or not - spread disinformation (read: propaganda). Given just the numbers above, it is INVALID to conclude that 10,000 no-coders have bothered to upgrade. It does not differentiate between hams who entered as Novices and upgraded to Tech Plusses in 1991 or thereafter, nor does it account for no-coders who may have upgraded to license classes higher than Tech Plus, nor does it indicate in any way how many Tech Minuses who passed a code exam.

There may be no way to know the current license class distribution of hams who entered as Tech Minuses. I do not believe the necessary data is available in the FCC database. This does not, however, justify flawed logic.

My problem is not that I disagree with their assertion, but a journalistic entity such as Newsline has an implicit responsibility to draw valid conclusions, particularly when they derive numbers to support them, and especially for an issue as important to their audience. Actually, I DO disagree but have no hard data to support my conclusion, either.

I will go out on a limb and assert that someone is trying to influence, by less than honorable means, the IARU and WARC proceedings which are on the horizon. That would be a perversion of the press and free speech. And that, friends, is what scares me.

The price of freedom is vigilance.

72 de KC4EWT
Johnson_Dan@aac.com

P.S. I want to thank Paulette for responsibly quoting Newsline's words instead of paraphrasing. It was essential.

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: WD6BOR@aol.com
Subject: [3228] I love No-Code Techs!
Message-ID: <960123130134_124849774@emout05.mail.aol.com>

I always hate to see controversy die down, so though I'ld throw an IMHO into the pot to keep things cooking.

Yes, I love NoCoders! Three of them in fact. My wife and both daughters entered the hobby as No-Code techs (notice how I capitalize No-Code?) so they could talk to me and so they would feel safer while on the road. The younger daughter has already upgraded to Tech + and is studying for her General so she can work phone for a regular schedule when she is working in remote locations (she gets the Cascade). She is an environmental studies major and will be doing natural resouces development in public forest land for the environmental education programs in public schools. My wife is planning on taking an upgrade class this spring with the wives of several other local hams who are also No-Code Techs. They are all active in local public service events and make a welcome contribution to our annual hamfest. The other daughter will be upgrading to General this summer after school is out. As competative as she is, she may keep going. We'll see.

So quitcherbelleyachin' and do something to inspire, educate and upgrade all those dastardly No-Coders who seem to be making your lives so mizzer'ble! You might even want to start by helping your own families become dreaded "No-Coders".

72,
Darrel, WD6BOR

"Flame-jobs are always welcome. Life gets too boring otherwise."

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>
Subject: [3239] I love No-Code Techs! -Reply
Message-ID: <s104f288.035@LAKEHURST.NAVY.MIL>

As long as a Codeless Tech does not become or stay
a Clueless Tech...

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Thom.LaCosta@f0.n105.z105.fido261.qis.net (Thom LaCosta)
Subject: [3216] keyer wanted
Message-ID: <21d_9601231130@fido261.qis.net>

Hello All!
   Finally found a box from 20 years ago(went off the air then) that had
my Brown Brothers paddle....and the keyer in ye olde aluminum minibox, I think
from an ARRL handbook(which I no longer have).
   Alas, the box got smashed...they paddle's ok///but the minibox is now
a mini-trapezoid with a broken pc board inside.
   Need some suggestions on inexpensive keyer board...or kit...or one you may
have that's too heavy, big or ugly.

thanks

Thom LaCosta
N3WDV
--
|Internet: Thom.LaCosta@f0.n105.z105.fido261.qis.net
| Standard disclaimer: The views of this user are strictly his own.

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [3251] Kitano Paddles
Message-ID: <01I0CV4PPM369QXGON@tntech.edu>

Anyone have, seen, tried the Kitano paddles.. they look pretty
cool.

thanks

72
Jeff, AC4HF

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [3260] Marine Deep Cycle battery charging
Message-ID: <22489.822447967@safety.ics.uci.edu>

Anyone know about keeping a deep cycle battery floating
or otherwise maintaining the charge? I just bought a
115 amp-hour battery to run my station in case the
"big one" hits, or we otherwise lose AC lines. I would
like pointers to literature, kits or products....if
anyone has suggestions.

Thanks.

Clark
WA3JPG

P.S. forgive me if this is a duplicate, something very strange
happened the last time I tried this :-)

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: passione.vince@dj.com (Vince Passione)
Subject: [3247] New Jersey QRP Club Meeting
Message-ID: <9601232059.AA01527@pluto.dowjawg>

Greetings:

The New Jersey QRP Club will be having its next meeting on Saturday,
January 27 from 9:00 AM to Noon. Club members will be on the air at
various times during the meeting so check the usual QRP frequencies
for activity.

The meeting will be held in Lawrenceville, NJ which is near Exit 8 of
the New Jersey Turnpike. If you are interested, please send me direct
e-mail or phone me at 609-520-4803 for directions.

This is an informal "show and tell" meeting. Anyone interested in QRP is invited to attend.

73,
Vince WA2ECP
vincep@dj.com

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: ljones@why.net (ljones)
Subject: [3190] No Code & problems
Message-ID: <19960123074347555.AAA184@dal17.why.net>

Greetings Gang...

Is some respects I have to agree about the no-code licensees. I heard tonight that only 8% of those that have taken the no-code test have upgraded to a higher class. But, we as cw lovers must blame ourselves. When was the last time that anyone of us (myself included) has invited a no-coder over for an evening of visit and cw operation. Or maybe invited them to your QRP-Afield operations. If we want CW to survive, then we have to become extraverts instead of intraverts and go out and get these guys interested in CW operation.

I have talked to a lot of no-coders in my local ham club and the general opinion is that few are encourged to continue on in their studies. It is my expressed opinion that the no-coders have been given to much in operating privilidges. Hey, with unlimited space above 50MHz why upgrade. Also with the availablility of commercial equipment that will operate 2M, 220 MHz, 440 MHz and even 1296 MHz without any trouble only encourges use of those frequencies.

We need to let these guys know that there is a world outside of FM. How often has anyone heard another ham, with excitement in his voice, give a detailed account of how it was to talk to some guy in far off England or France or wherever. When I worked for Texas Instruments in Lewisville there was a guy (and for the life of me I can't remember his call or name) who would come in almost everyday and tell me about his contact with some German, Belgien or some country in South America. I can tell you that it sure peaked my interest in CW. Not that I am a great DX hunter, but there is a special thrill in working someone halfway around the world. Especially doing it with less then 5 watts.

I haven't done it at QRP levels, but I have done it. It is something, to coin a phrase, Neat! If each one of us were to take a no-coder under his wing and start encourging and teaching him the joy and excitement of working CW I think that we could make a difference. And to only way to do it is one guy at a time.

Oop, I seem to have really rattled on. Just my two pesos worth.

72/73

dee-it dee-it

Larry Jones N5OSG <><
4028 Random Circle
Garland Tx 75043-3250

NorTex QRP-ARCI G-QRP MI-QRP
NorCal NE-QRP QRP-L NTMS

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [3266] P.S. on 624 Kits 6m amp
Message-ID: <Pine.3.89.9601162108.A3884-0100000@w3eax.umd.edu>

The board alone is available for $20 from 624 Kits.

72/73!

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Larry East <LVE1@inel.gov>
Subject: [3212] QPR+ Input Protection
Message-ID: <9601231551.AA24146@garnet.inel.gov>

As for protecting the QRP+ input -- see my note in Mike C's column of the
January '96 QRP Quarterly. I added back-to-back diodes just ahead of the
filters at the input of the mixer. It would be better to also add some
series resistance -- either a cap or resistor (1K or so), but I haven't done
that yet. I plan to see if there is space available on the final amp board,
but it is at the "bottom of the stack" and I haven't gotten around to
pulling it out yet.

72, Larry W1HUE/7

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: ljones@why.net (ljones)
Subject: [3191] qrp contact - 40M
Message-ID: <19960123083204180.AAA84@dal21.why.net>

Greetings Gang...

   Just had to make this post before I hit the rack. I just got off the air with a station in Bloomingdale, OH. I was running 3.5 watts and received a 599. He was running 600 watts and I gave him a 599. This was all done at 2:AM CST or 0800 UTC on 40 meters. Who said the band was bad. Ain't QRP Ham Radio Fun...

72/73

dee-it dee-it

Larry Jones N5OSG <><
4028 Random Circle
Garland Tx 75043-3250

NorTex QRP-ARCI G-QRP MI-QRP
NorCal NE-QRP QRP-L NTMS

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: launerb@crl.com (William H. Launer)
Subject: [3249] qrp-l group
Message-ID: <v01520d02ad2af89bcc1b@[192.0.2.1]>

Hi, Gang
        I want to thank the qrp-l group for re-kindling my hf interest. Ham radio had taken a back seat during the last few years because my job required a great deal of traveling (I've now retired). Most of my recent activity has been with vhf tcp/ip packet. It's heartening to see a group who is interested in learning both the technical and operational aspects of the hobby (this isn't a flame against "no-coders"; there's room for all).
        After spending time copying cw, and verifying that I could still do it, I lowered the drive on my Yaesu FT-301 for 4 - 5 watts out and checked in to the 80m net Sunday night. My cw operating procedure is a bit rusty, but Paul seemed able to copy my straight-key sending ok. My antenna is about 130 feet of wire, end-fed, with 80 feet lying on the peak of the house roof and extending into the basement operating room. The flat part of the antenna is about 25 feet above the ground. It's

coupled to the transmitter through a Heathkit HM-102 SWR meter and an MFJ-16010 tuner. Nothing magic, but my qth is in one of the highest areas in St. Charles, MO on the Missouri River bluff.
        Again, thanks for getting me interested in hf qrp again.

73,
 Bill, WB0CLD

Bill Launer
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: ji3m@scubed.com (James R. Duffey)
Subject: [3213] Reminder FOX-Wednesday, January 24 KK6MC/5 Fox Schedule
Message-ID: <v02130500ad2ab878ac89@[192.31.66.224]>

Please note the change in start time!!!!

My Schedule for the FOX Hunt, Wednesday January 24, 1996

Time	Frequency
1800 MST	7108 =B1 QRM
1900 MST	7043=B1 QRM
2100 MST	QRT

Conversion to another local time, or to UTC is left as an exercise to the reader.

I am posting this reminder for those who might have missed my first announcement. The starting time has changed to accomodate propagation conditions. For a more complete expalantion see QRP-L message 3137.

See you then. Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: ljones@why.net (ljones)
Subject: [3189] Reverse Relay
Message-ID: <19960123074347555.AAB184@dal17.why.net>

Hi Tim...

   That would be a great idea except for inertia, also called relay delay. The chances are really good that you would fry something before the relay engaged disconnecting the rig from the main power. The best thing is still the fast blow fuse or fuse/diode combo.

72/73

dee-it dee-it

Larry Jones N5OSG <><
4028 Random Circle
Garland Tx 75043-3250

NorTex QRP-ARCI G-QRP MI-QRP
NorCal NE-QRP QRP-L NTMS

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: PDouglas12@aol.com
Subject: [3215] Sierra mods
Message-ID: <960123111829_302605140@mail04.mail.aol.com>

Gang,

For those who are running original NorCal Sierras, Wayne Burdick's descriptions and mods in this month's QRPp (finally in hand this week in NY--thanks USPS for your swell service) are very pithy info. F'rinstance, the audio in mine had an annoying ring in the higher register that was finally cured with a 1.8K resistor across RFC1 (actually, I used a 1k, as it was even more effective--and cut out the ringing a little better). This is the choke at the output from the MC1350 IF amp. I find the background noise in the audio much easier on the ears now, and less tiring to listen to.

There is also a very fine article on output testing by someone, whose name escapes me here in the office.

On a completely different subject, I will be doing Dayton badges again this

year. However, they will only be available for subscribers to this list who have membership numbers in the group, and info and faqs will be on the Dayton list. Please don't send any requests yet. Will post around March 15 for early birds.

72, Preston WJ2V

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3257] Source for Maxwell's book "Reflections"
Message-ID: <199601240135.SAA25837@usr1.primenet.com>

Can anyone steer me to a source for Walt Maxwell's book "Reflections"?

Tnx/73, de Roger, AA7QY
Roger Hightower, AA7QY
NorCal 1099   CoQRP 176 QRP-L 62   G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: dh%reddog.csustan.edu@altair.csustan.edu (Doug Hendricks)
Subject: [3188] St. Louis Tuner Availability
Message-ID: <9601230602.AA02388@reddog.csustan.edu>

The St. Louis tuner sales have reached 201. We have 49 left. Cascades: 30 sold, 22 left of the LAST 50. We are kitting 250 of the St. Louis Tuners. Contact Jim Cates, 916-487-3580 or 3241 Eastwood Rd., Sacramento, CA 95821. Cost on ST. Louis Tuner $80 (includes shipping in US for Non CA. residents) CA residents get to pay $5.44 sales tax so they need to send $85.44. Canadian residents send $85, All other DX send $90.

Cascade prices:
Calif. Residents: $218.43
Other US Residents: $204.00
Canadian Residents: $209.00
DX Residents: $214.00
Prices includes shipping. Make all checks and money orders out to Jim Cates, not NorCal. US Funds only.

Hope this answers any questions about the availability. Kits to ship in the Spring.   72, Doug

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Bill Acito 23-Jan-1996 1235 <acito@asdg.ENET.dec.com>
Subject: [3226] Statistics
Message-ID: <9601231737.AA14858@us1rmc.bb.dec.com>

"Statistics are used much the way a staggering drunk uses a light post...

...more for support than illumination."

OQRPR... didn't hear the fox last night, but heard a lot of 6's and 7's, heard a KP4 working a UR5... gotta love that low radiation angle of a vertical.

b

. . . . . - I own my own words - . . . . . .

Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS .:. qrp-ne .:. qrp-l .:. qrp-arci .:. norcal .:. arrl life .:.

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3241] Ten-Tec 6M SSB-CW-FM Transverter
Message-ID: <199601232003.NAA05282@usr4.primenet.com>

The Ten-Tec T-Kit #1208 ($95.00) is currently available, and is supposed to put out 8 watts with less than 5 watts input.

Mark, AA7TA has built one and had it at our last club meeting. A very nice rig, and I'm considering getting one. Perhaps Mark will give us a review of his after he reads this, :-)

Works off your 20M HF rig, so all those NN1G's, NE kits and OHR kits can do the job.

73, de Roger, AA7QY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3204] TenTec 2M Rig
Message-ID: <199601231529.PAA26559@chuck.dallas.sgi.com>

Gang,

Page 129 February QST Advertisement from TenTec

      2 Meter FM Transceiver

Building a sophisticated microprocessor controlled rig is
easy with our step-by-step assembly manual. You build in
sections and then make progress tests along the way. Added
benefit is the knowledge to maintain it yourself for years
to come. Only test equipment required is a VOM. [On the
phone the sales rep mentioned a wattmeter also.]

o Encoder tunes 143.5-148.5 in 5 KHz steps (or 2.5KHz)
o 15 memories store repeater offset and subaudible tones
o Stores non-standard split (CAP, MARS)
o Built-in subaudible tone encoder
o Instantaneous pin diode T/R switching
o Packet ready with rear panel DIN connector (1200 baud)
o Large LED readout
o Build it now 5 or 30 watts, or upgrade to 30 watts later
o Complete enclosure, mike and mobile bracket included

1220 ....5 Watts out $195
1222 ....30 Watt module ....$ 64

    6 Meter FM Transceiver
Same features as 2 meter model. Covers 51.095-54.1MHz.
1260 ....5 watts out..............$195
     (sorry, FCC rules forbid sales of add-on power amp)

I called. $15 for shipping and handling. 2M job available
in mid-February. Ad says March timeframe for 6M job.

Interesting that FCC regs forbid sales of add-on power amp.
News to me. I didn't know that 6M was a QRP band. I understand
the concern for TVI, being close to Channel 2 and all, but guess
there is no rhyme or reason in everything.

FYI. I have no financial interest or gain, just information on
the superhighway. Surely the majority of this group does get
QST.

Orders only (800) 833-7373 and they take Visa, Discover, and MasterCard

T-Kit a division of TEN-TEC, Inc., 1185 Dolly Parton Parkway,
Sevierville, TN 37862
--
Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Harry_Chase@smtpgwy.windata.com (Harry Chase)
Subject: [3211] TenTec 2M Rig
Message-ID: <9600238224.AA822422679@smtpgwy.windata.com>

FCC restriction on 6M amps???   I have seen 6M amps all over the
place!   Mirage is one prominent mfr. of the things, and there are
others.   Is this something thats happened in the past coupla months,
quietly behind our backs??!!?
     --Someone, please tell me whats going on!

Harry
WA1VVH

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: PAT DOYLE <DOYLEPS@LAKEHURST.NAVY.MIL>
Subject: [3227] TenTec 2M to 6M transverter
Message-ID: <s104d8a6.092@LAKEHURST.NAVY.MIL>

I spoke with Ten-Tec last week. According to the
fellow I spoke with, they have a 6M transverter
that works with a 2M radio due out in early
March...

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Gary <garyn@sun.tir.com>
Subject: [3198] TS-130V / OHR wattmeter for sale

Message-ID: <9601231453.AA29508@tir.com>

Hello, I have a TS-130V for sale, it's in near mint condition, front panel is mint, with just a few slight mars on the case. It comes with a 270 HZ CW filter and a hand mic and manual. Asking $465.00 plus shipping.

I also have a Oak Hills Research WM-1 QRP wattmeter for sale , it's six months old, mint , asking $65.00 plus shipping (manual included)

If interested please respond direct as I'm not currently subscribed to the list.

Gary WB8POK

garyn@tir.com
garyn@sun.tir.com   <Gary>
Amateur Radio - WB8POK
TRS-80 -> VIC20 -> Apple IIE -> IBM PC -> 386SX16 -> 486/80 -> DEC Alpha ? :)

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Gary <garyn@sun.tir.com>
Subject: [3246] TS130-V and OHR Wattmeter Sold
Message-ID: <9601232037.AA21425@tir.com>

Thanks to all who responded but both items have been sold.

Thanks again

Gary WB8POK
garyn@sun.tir.com   <Gary>
Amateur Radio - WB8POK
TRS-80 -> VIC20 -> Apple IIE -> IBM PC -> 386SX16 -> 486/80 -> DEC Alpha ? :)

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: svein@eci1.ucsb.edu (Svein Vetti)
Subject: [3255] Tuning : variable cap's or inductors ?
Message-ID: <9601240056.AA07616@camellia.ucsb.edu>

Hi, in my VHF receiver project I need to use tuning elements, for example in the crystal oscillator. In some application notes they suggest variable inductors instead of variable capacitors.

Are variable inductors more stable/robust than variable capacitors ?

Sometimes the application notes suggest shielded/unshielded inductors,
why is this important ?

What about price, are var. inductors in general less expensive than var.
capacitors (for VHF) ?

Thanks

SVein

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3218] Typing
Message-ID: <199601231644.QAA27040@chuck.dallas.sgi.com>

My typing speed is 90wpm. My reading speed is 2500 wpm.
My code speed is more than 60wpm. No biggie. Just all
that clean air in the deserts of west TX. I'm slow at
everything else. :-) And please, no flame wars. I'm
going as fast as I can and keep a job on the side. :-)

dit dit
--
Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3199] Re: 40M es stuff
Message-ID: <199601231512.IAA28151@usr3.primenet.com>

At 07:33 AM 1/23/96 EST, chuck adams wrote:
>
>
>Gang,
>
>Well, seems like the world is up awfully late/early. Re Larry's
>post of 2 a.m. I'm up at 4 a.m. and 40M is rock solid. Not many
>soles up this early, but those of us who are are having fun.
>(deleted)
>>While typing this into the computer, worked 8 stations outta
>8 calls. Got lucky. One CO2 (Cuba, not Carbon Dioxide :-)).

>He asked for the QSL via callbook address. That's a switch.
>
I was up at 5:30 AZ time (1230Z) and 40 was really alive. JA3XGM and
JH1IYD wrkg a lot of US stations, and CO2WC was there, who tried hard
to get the "QY" in my call but finally gave up. 2 watts wasn't enough to
give him good copy. Gotta get a call with a better suffix.

Many, many stations ragchewing on/around 7040. Mebbe we should
do the foxhunt in the dark'n'early, :-)

Hpe it's that good tonight for the foxhunt.

72/73, de Roger
Roger Hightower, AA7QY
NorCal 1099   CoQRP 176 QRP-L 62   G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: N5EM@aol.com
Subject: [3200] Re: 40M es stuff
Message-ID: <960123101431_302582287@emout06.mail.aol.com>

In a message dated 96-01-23 07:34:26 EST, you write:

>
>I was looking at the Feb issue of QST and saw that TenTec has
>a new two meter FM kit that may be interesting for two reasons:
>1. it is QRP at 5W (maybe Wayne can come up with a CW mod :-))

I AM VERY INTERESTED TOO. I have checked a number of synthesized 2m rigs for
possible use as CW rigs for cheap access to satellites. Most of them are
unsatisfactory because they use one synthesizer for receive and transmit.
 When the rig is keyed, (using the mic or ptt, of course) the synthesizer
changes to the transmit frequency. Since the designers were not concerned
with CW, they immediately key the rig and the last few hundered hz. of VCO
swing is transmitted (that's chirp to you CW ops :-). Be nice to find an
inexpensive 2m rig that didn't have this problem. Multimode rigs are big
bucks on 2m. A TenTec transverter like their 6m one for 2m would be perfect
(especially at $100!). QRP is all that is needed for birds like RS-10. The
new phase III satellite, due for launch late this year will be a QRPers
dream. So, whoever gets one of these, check it out with a local 2m SSB/CW op
and let us know.   If it's a kit, it might be not too difficult to create a
proper keying circuit.

Of course, none of the above diatribe applies to MCW.

72
Ed

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: prvalko <prvalko@Oakland.edu>
Subject: [3225] Re: Boatanchors?
Message-ID: <Pine.OSF.3.91.960123122442.2422A-100000@saturn.acs.oakland.edu>

On Tue, 23 Jan 1996, Fred Ringwald wrote:

> After reading about the questions and answers about boatanchors, I was
> still unable to discern what boatanchors is? Would someone please
> enlighten me?

A boatanchor is a VERY heavy weight which is tied to a strong rope or
cable, tossed over the side of a ship and allowed to hit the bottom of
the pond, lake, bay, or sea to hold a boat in position.

Many fine boat anchors were once ham radio transmitters or receivers made
by now defunct firms such as Hallicrafters, National, and Globe.

Following the Dayton Hamvention, late Sunday afternoon, dozens of huge earth
movers and bulldozers are brought to the "flea-market" to clear away the
tons of boat anchors that go unsold each year.

73 =paul= wb8zjl
Collector of Ten Tecs and other fine lightweight plastics

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "rohre" <rohre@arlut.utexas.edu>
Subject: [3232] RE: Boatanchors?
Message-ID: <n1389723587.44110@msmailgw1.arlut.utexas.edu>

Short and quick for the group,

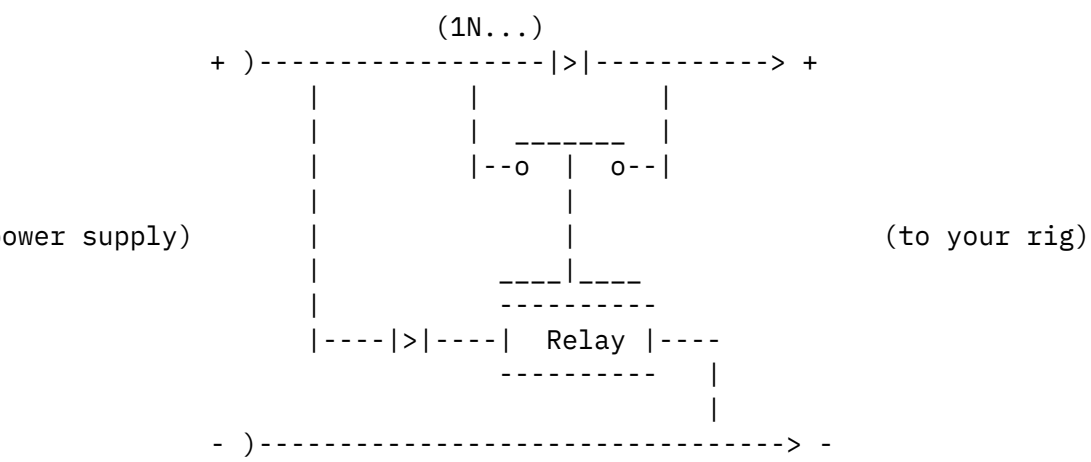
Boatanchors is a list devoted to transmitters and receivers and accessories
from the days of tubes and earlier. It is primarily focused on the 40' s
surplus rigs (military) and the great post WW 2 commercial boom in ham gear of
the 50's to the end of tube rigs. Post privately if you need further info, so
as to not get off QRP focus. Ob QRP: one of the early QRP rigs has to be the
one tube or two tuber from Western Radio, Kearney Neb., does anyone know of

others from 40's or earlier? Maybe Ade will comment on historical QRP rigs?

73, Stuart K5KVH
rohre@arlut.utexas.edu

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Larry East <LVE1@inel.gov>
Subject: [3205] RE: Diode protection, etc.
Message-ID: <9601231541.AA23944@garnet.inel.gov>

A note from yesterday:

>How about the idea to put a common "ordinary" diode in series
>but to "bridge" the diode (to avoid the loss of 0.7V) automatically by a
>small power relay.
>Of course an additional diode in series with the relay-coil ensures that the
>relay only switches if the supply polarization is correct!
>This 3 parts should find a place inside your rig!
>
>


>
>Crazy?
>
>Save fuses!
>
>Norbert, DL8BDF
>
My comment: why bother with the top diode (the one across the relay contacts)?
The diode to the relay coil will insure that it only gets energized if the
input polarity is correct.

Personally, I have used series reverse-protection diodes (first Ge power

rectifiers giving about 0.6V drop, now Shottky rectifiers giving 0.3V drop or less [used up all my 1N92's...]) in my rigs (and accessories) for years. No blown fuses and very little effect on output power (heck -- what's 0.1 Watt or so among friends??).

Note: Even with a series diode, it is good practice to have a fuse in series with the power supply line in case something else go amiss. (Right, Chuck??)

72, Larry W1HUE/7

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Jim Lowman <jlowman@iepsnet.com>
Subject: [3224] Re: FCC back at work
Message-ID: <199601231716.MAA59938@nss2.CC.Lehigh.EDU>

At 02:55 PM 1/17/96 EST, you wrote:
>I was very pleased this afternoon to check the University of Arkansas
>callsign web page and see that the FCC has processed my Extra Class
>application. I passed the test on December 9 and then the U.S. government
>shut down on December 15. Today I heard that budget talks were suspended
>for today so it seemed the upgrade would never come through.

The FCC did a lot of catching up in a hurry. I was reading one of the rec.radio.amateur.*
newsgroups, and one post pointed out that the FCC folks had been allowed to return to
work on the 11th, and then snows closed the office the very next day. It also mentioned
that the plan was for all of the backlog of applications to be processed by the 18th. I
just checked the database on behalf of a couple of our VE session attendees from last
month, and their new callsigns are there, all right.

Can you imagine the effect the budget stall would have caused years ago, when it was
literally taking *months* to get a new license or an upgrade processed? For once, I gotta
give the FCC some credit.

>Then there's the Newsline Report that says that the Technician class now
>accounts for "a little over 41% of all radio amateurs licensed."
>
>Newsline continues to say that "from December of 1994 to December of 1995
>some 41,244 people joined the ranks of radio amateurs with the majority --

>30,195 -- being no-code Techs. And very few of the newcomers are bothering
>to upgrade. There were about 129,500 Technician class hams who had passed
>a code test in the FCC's records in 1991 when the code free Technician was
>introduced. Now, almost five years later, there are only about 139,500
>coded Techs. In other words, in the five years since no-code licensing was
>introduced, only 10,000 or so no-coders have bothered to upgrade."

Maybe this has been discussed before, but it concerns me a bit when Newsline or other sources lament the lack of upgrading beyond the entry level. With respect to the situation of today's Technician-class licensee versus that of, say, 1965 when I was first licensed - back then, it seemed to me that there was very little going on on the bands above 30 mHz. In fact, many of those who became Techs then were doing so for an alternative reason. They were Novices who were forced into the move to Tech because their one-year, non-renewable license term was nearing the end, and they had to upgrade to avoid losing their callsign and going off the air.

Today, there's much more to 50 mHZ and beyond than yakking on the repeater with the locals. I'd compare the interest in, and increasing use of, packet radio with that of the Internet. Other than that, there's EME, weak-signal work, spread spectrum, satellites, well...you get the idea. I developed an interest in VHF/UHF and the frequencies above as well as in QRP work on HF.

For those of us who have been hams for some years (I just joined QCWA) it may seem that HF and DX really define ham radio. Thus, we worry when we don't see entry-level licensees pursuing a higher-class ticket.

Just some thoughts...I'd be interested in anyone else's comments.

>I'm joining FISTS this week. We code geeks need to get noisier about our
>part of the hobby.

I agree, being a long-time code junkie. We should all do what we can to promote this method of communication. I'll probably join FISTS, as well as ARCI, NorCal and a few of the other QRP clubs - just as soon as I can locate the addresses. :)

72/73 de Jim - KF6CR

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3233] Re: FCC back at work
Message-ID: <199601231818.LAA21807@usr1.primenet.com>

At 12:19 PM 1/23/96 EST, Jim Lowman wrote:

>The FCC did a lot of catching up in a hurry. I was reading one of the
>rec.radio.amateur.*
>newsgroups, and one post pointed out that the FCC folks had been allowed to
>return to
>work on the 11th, and then snows closed the office the very next day. It
>also mentioned
>that the plan was for all of the backlog of applications to be processed by
>the 18th. I
>just checked the database on behalf of a couple of our VE session attendees
>from last
>month, and their new callsigns are there, all right.
>
>
The great benefit of Electronic Filing by the VEC's. All the keyboarding is
done
at the VEC, and transmitted electronically to the FCC confuser, where the
assignments
for new licenses are done "untouched by human hands". Ain't progress great?

73, de Roger, AA7QY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Norbert.Heyder@erno.de
Subject: [3192] re: fused QRP
Message-ID: <9601230938.AA06372@mail_s.erno.de>

Hi,

I have no problems with the power consumption of the relay coil:

My local "Radio Shark" provides small power monostable relays drawing
only 6mA at 12V(R=2250Ohm), price is 4$.

Ordinary types are about 30mA(R=400Ohm) which might be too much.

I have no experience with the bistable latching types!? Do they have
a preferred state when not powered?

72 Norbert, DL8BDF

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [3245] Re: Fused QRP, Power FET issues
Message-ID: <v0213052aad2af5bf2b34@[199.170.106.28]>

Tom,

>The intrinsic diode Source to Drain will conduct if the polarity
>is reversed.

Yes, but the intrinsic diode can handle a lot of current--typically far more than would be available through all the back-biased circuitry in the transceiver. The body diodes on some devices are rated at near the current-handling capability of the MOSFET itself. As long as all of the reverse-bias paths have some resistance (even 20 to 100 ohms would probably be enough to protect the MOSFET's body diode) then you're home free.

>The power FET HAS a voltage drop.

Yes, but the drop can be very small. Take the IRF9Z30, for example: it's Rds is only 0.14 ohms. If your transmitter drew 300mA on transmit (typical for the Sierra at 2W output), that's a voltage drop of only 0.04V, which is completely negligible. This P-channel fet can dissipate up to 18 amps, continuous, so I don't think you'll fry the body diode in the reverse connection unless your transceiver has nearly zero ohms of back-biased resistance. And it's only a $1.75 in quantity.

>A PNP transistor "draws current" to work.

Of course, but since receive-mode current requirements are low, you only need to turn the PNP transistor on hard during transmit. At other times you can probably get by with 1 or 2 mA, assuming an Hfe of around 25 to 50.

I know of PNP pass transistors with drops as low as 0.2V at 300mA, such as the PN5142 (National). This would be a good choice for a 2W-class CW rig.

Admittedly, I haven't tried this yet, but I will :)

Thanks for the discussion points.

Wayne
N6KR

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [3248] Re: Fused QRP, Power FET issues (revisited)
Message-ID: <v0213052bad2afc21ab0f@[199.170.106.28]>

Tom,

>>The intrinsic diode Source to Drain will conduct if the polarity
>>is reversed.

>Yes, but the intrinsic diode can handle a lot of current.

Apologies Tom -- error on my part. Not thinking straight today. I was focusing on the characteristics of the diode, when in fact the problem is that the diode exists at all. What we need is a P-channel fet with no diode :)

Back to the low-drop PNP transistor idea. Know of any that have a lower drop than 0.2V at 300mA, and that can handle 12 to 20V of reverse voltage?

Wayne

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [3230] re: Fused QRP; lose the relay!
Message-ID: <199601231802.KAA28931@interval.interval.com>

Somehow my original point was lost, that only 0.3V is dropped across a shottky diode, not 0.7V. Don't use a 1N4001 -- use a 1N5817/5818/5819. The lost TX power is negligible (around 0.3 dB).

If you want no voltage drop at all across the pass device, forget the relay, which draws current, and just use a saturated series pass device like a P-channel MOSFET ("high-side switch"). No gate current, nearly zero voltage drop from source to drain, cheaper than a relay by far, and much smaller, too.

Wayne
N6KR

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Ptcandy@aol.com
Subject: [3258] Re: Heathkit HW-8 Poll: To build or not to build
Message-ID: <960123200141_302842613@emout04.mail.aol.com>

Build the sonofabitch
Peter N2KPY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: V$BCIESLAK@china.qgraph.com
Subject: [3223] Re: How to Lie with Statistics
Message-ID: <01I0CIUDADQA000UGM@hub.qgraph.com>

Gee, I see this tactic every night on the evening news and hear it from every special interest group and politician thats in existence.

I guess I've grown not to accept any thing I hear at face value, either.

Brian AE9K

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: dsa@apollo.hp.com
Subject: [3234] Re: How to Lie with Statistics
Message-ID: <199601231831.NAA68758@nss2.CC.Lehigh.EDU>

>I will go out on a limb and assert that someone is trying to influence, by
>less than honorable means, the IARU and WARC proceedings which are on the
>horizon. That would be a perversion of the press and free speech. And

>that, friends, is what scares me.

Well, THAT my friend is how the general media presents the "News". For that matter, one of the stations in Boston (when I lived back near there), once during an ad for their news broadcasts said "...as journalists, we have a responsibility to our viewers, not to just present the news, but to influence public opinion...". WOW!!! Sounded like an blatant admission and promotion of propaganda!

Just watch the media every time some pending legislation is on the congress floor. Watch the shows or news broadcasts on gun violence whenever "the right to carry" or "assult weapons" is up for vote. Watch the shows on starving children in the gettos when "welfare reform" is in commitee. Watch the articles in Time Magazine when legislation for internet sensorship is on the table. Watch the "expose's" on HMO's when "Universal Healthcare" is being considered. ...and NONE of the "journalists" are responsible for the accuracy of whatever half truths or lies they spew. Amazing! Gee, I would have thought "Newsline" was above that...

Later,
-Dale (call still burried in FCC's backlog)

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: "Mark E. Monninger" <markem@primenet.com>
Subject: [3238] Re: How to Lie with Statistics
Message-ID: <Pine.BSD.3.91.960123122451.7313A-100000@usr2.primenet.com>

As the saying goes: "Figures don't lie, but liars figure."

73... Mark AA7TA

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: [3240] Re: How to Lie with Statistics
Message-ID: <01I0CP4EK65Q8Y541G@ADMIN.Rose-Hulman.EDU>

I was always told the heirarchy went something like:

Lies

Damn lies

Statistics

I'm not surprised...

72, David Moody, KD8NY

David A. Moody | E-mail: David.Moody@Rose-Hulman.edu
Admin. Programmer/Analyst | Finger: mgrdam@crux.Rose-Hulman.edu
Rose-Hulman Inst. of Tech. | Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803 | (VMS Rules!!! (but RSTS was fun.))
Wk Ph: 812.877.8183 |

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.
It is up to you to know the difference.

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Harry_Chase@smtpgwy.windata.com (Harry Chase)
Subject: [3243] Re: How to Lie with Statistics
Message-ID: <9600238224.AA822438092@smtpgwy.windata.com>

Interesting sidelight to all this -- we are hams, and most of us have shortwave broadcast receivers (usually inherent in the recent ham rigs). When listening to the news, you should sample a few foreign broadcast stations along with our own media; Yes, all have their own slant, but with any luck at all you will hear the news from several diferent angles, and you can then think it over. For myself, I dont believe very much of what I hear on the tube these days.

Harry
WA1VVH

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: bkassel@enet.net (Brian Kassel)
Subject: [3253] Re: How to Lie with Statistics
Message-ID: <199601240013.RAA21126@maple.enet.net>

At 01:33 PM 1/23/96 EST, dsa@apollo.hp.com wrote:

>   Just watch the media every time some pending legislation is on the
>   congress floor. Watch the shows or news broadcasts on gun violence
>   whenever "the right to carry" or "assult weapons" is up for vote.
>   Watch the shows on starving children in the gettos when "welfare
>   reform" is in commitee. Watch the articles in Time Magazine when
>   legislation for internet sensorship is on the table. Watch the
>   "expose's" on HMO's when "Universal Healthcare" is being considered.
>   ...and NONE of the "journalists" are responsible for the accuracy of
>   whatever half truths or lies they spew. Amazing! Gee, I would have
>   thought "Newsline" was above that...

Amen..amen..amen..

I really ahte to admit it, but I am watching the news less and less
because of this very problem.
The BBS OS service is a bit better... not nearly as frustrating as
the the "Evening Party Line".
Thanks for the astute observation!
Brian
Brian D. Kassel W5VBO
K.C. Consulting

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3242] Re: I love No-Code Techs!
Message-ID: <199601232010.NAA25489@usr3.primenet.com>

At 01:05 PM 1/23/96 EST, WD6BOR@aol.com wrote:

>So quitcherbelleyachin' and do something to inspire, educate and upgrade all
>those dastardly No-Coders who seem to be making your lives so mizzer'ble! You
>might even want to start by helping your own families become dreaded
>"No-Coders".
>
>
Yup. I got my brother interested when the No-Code license came out, and he
soon upgraded, and is now an Advanced. His wife also started as a Codeless
Tech, and has upgraded too. Gave him a NorCal-40A for Christmas, and he is
also a QRP-L'er. All it takes is a little encouragement.

72/73, de Roger, AA7QY
Roger Hightower, AA7QY
NorCal 1099   CoQRP 176 QRP-L 62   G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: JCoote@aol.com
Subject: [3265] Re: I love No-Code Techs!
Message-ID: <960123202453_302857064@emout06.mail.aol.com>

Darrel;

Thanks for your comments in support no-coders. Good show. I think no-coders often become know-coders later on, if we treat them right. And if they don't all become HF and CW enthusiasts exactly like ourselves, so what?

I think for Amateur radio to survive, we hams will have to leave our "mode biases" and biases about age, gender, class of license and so on behind. United we stand and all that. When any of our bands are threatened we have to defend them, even if we personally "don't like" a mode or a band.
Several years ago when we were going to lose all of 220, I once heard an inebriate on a 145 MHz repeater offer the expert opinion: "Oh, 220? That's a lousy band, good riddance".

I will say something about the unjust and crappy treatment no-coders are victims of:

Once, I listened as a young person checked in on a repeater. The poor kid had a slightly nervous quiver in his voice and I could tell he was new and probably his first QSO over a repeater. (We've all been there once!) Being nervous, the young man missed some very minor radio procedures that sane or sober people would not bother to correct. Before the young man could put the mike down, some elderly grouch with raw hate in his voice read the poor kid the "riot act" over the air. The kid was called "no-code lid" and "CB'er" more than once in the harangue. Reality check! What gives? What happened to the "Elmer" tradition? This was a new hams first QSO and some small-minded, anal-retentive old jerk wanted to spoil it for him because the kid was "one 'o them no-coders".

Ten years ago, I spent a lot of time with a mobile direction-finder defending two-meter repeaters against pirates and jammers. An interesting thing I noticed was that many of the potty-mouths and jammers turned out to be fully grown General, Advanced and Extra hams who (if income, years as a ham or license class meant anything) should know better. Quite often the jamming and bootlegging was blamed on kids, minorities and no-coders by the perpetrators.

I have seen green no-coders, techs and novices with a lot more "class" than the "higher-class" licensees who terrorize SSB with their drunk nets, or terrorize repeaters with their jamming.

The no-coders I have seen in action are good operators. Although everyone is clumsy on their first QSO, it is not an FCC violation. Some of the volunteers in my police department's Hamwatch program are no-coders, others are come from different Amateur license classes and are interested in a wide array of modes and bands. All are good hams and valuable to the program.

I have yet to see this "alien horde of no-code invaders from CB" arrive, and indeed I have heard CB'ers who are better operators than some of those hams who are so quick to denounce the no-coders as CB'ers.

Welcome no-coders! Don't let a few losers without a life get to you.

72, Jay
WB6AAM

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: WD6BOR@aol.com
Subject: [3229] Re: keyer wanted
Message-ID: <960123130131_124849763@mail06.mail.aol.com>

Thom,

 I've built three Simple Cmos Keyers (with a needed mod) and have some Curtis keyer chip and boards bought from Norcal for less than $20. FAR Circuits has the Curtis chip and board for about $25 and the boards for the Simple Cmos for about $5.

Good luck es 72

Darrel WD6BOR

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Ptcandy@aol.com
Subject: [3262] Re: NA QSO Party/ Fireside SSB Sprint
Message-ID: <960123200145_302842656@emout06.mail.aol.com>

In a message dated 96-01-22 00:06:37 EST, you write:

>
>Did anyone work the NA QSO party, or the Fireside SSB Sprint
>this past weekend? I worked 13 states, and 25 Contacts in

>the QSO party, but only One (1) in the Fireside. How did
>You guys do?
>
>
I think I made 3 contacts in the sprint and a small hatfull during the NA QSO party. Not one of my better efforts
Peter N2KPY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [3201] Re: No Code & problems
Message-ID: <Pine.3.89.9601230736.A1807-0100000@sparky>

Gotta agree with you Larry...it sure helps to have a caring Elmer to take you under your wing...it's hard without one, believe me, I'm one...
TtFn...Stan VE7SKT (QRP-L #34)

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Ptcandy@aol.com
Subject: [3256] Re: no code techs and PROBLEMS OVER THE HORIZON
Message-ID: <960123200147_302842678@emout04.mail.aol.com>

In a message dated 96-01-22 10:42:10 EST, you write:

>Please, let's not get into the eliminate-the-code/keep-the-code debate
>here in QRP-L. If you want, you can join in the fray on usenet.

SIR.... if the present trend continues, QRP on the HF bands as we know it will not be possible in a very few short years. What do you think the future of CW and a reserved band would be if CW was eliminated from HF testing. Out of the dozens of messages I have received, you are the only one who doesn't feel this topic is right for this maillist.

Maybe it is time we, as a group, start thinking about how to handle the current situation in order to preserve our niche. Then again maybe I am just wrong.
Regards,
Peter N2KPY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3259] Re: no code techs and PROBLEMS OVER THE HORIZON
Message-ID: <199601240139.SAA25229@usr2.primenet.com>

At 08:22 PM 1/23/96 EST, Ptcandy@aol.com wrote:
>In a message dated 96-01-22 10:42:10 EST, you write:
>
>>Please, let's not get into the eliminate-the-code/keep-the-code debate
>>here in QRP-L. If you want, you can join in the fray on usenet.
>
>SIR.... if the present trend continues, QRP on the HF bands as we know it
>will not be possible in a very few short years. What do you think the future
>of CW and a reserved band would be if CW was eliminated from HF testing. Out
>of the dozens of messages I have received, you are the only one who doesn't
>feel this topic is right for this maillist.
>
>Maybe it is time we, as a group, start thinking about how to handle the
>current situation in order to preserve our niche. Then again maybe I am just
>wrong.
>Regards,
>Peter N2KPY
>
>
WRONG..I agree with Jerry and Ed...move it off the list, please.

73, de Roger, AA7QY

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: KT3A@aol.com
Subject: [3208] Re: qrp contact - 40M
Message-ID: <960123104905_124762913@mail04.mail.aol.com>

In a message dated 96-01-23 04:10:49 EST, ljones@why.net (ljones) writes:

> This was all done at
>2:AM CST or 0800 UTC on 40 meters. Who said the band was bad. Ain't QRP Ham
>Radio Fun...
>
>72/73
>
>dee-it dee-it
>
>
>Larry Jones N5OSG <><   NorTex   QRP-ARCI   G-QRP   MI-QRP

>4028 Random Circle NorCal NE-QRP QRP-L NTMS
>Garland Tx 75043-3250
>

Larry,
The band was in good shape. Wish I could stay up that
late or get up as early as K5FO. ;^) I heard a KP4 working
a UR5 at 2200 EST on 40 last night. Oh, I did hear the UR5
too. What makes this a big deal is that I use a HAMSTICK
on my roof!

72 de kt3a <>< QRP-L 7

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: cummings.jim@ic.gc.ca (Cummings, Jim: DGRB)
Subject: [3194] Re: QRP TTY unit ("TQ1"), tentative desc
Message-ID: <1996Jan23.082355.1255.326833@mspost.ic.gc.ca>

QRP Amtor, all from your NC40A or Sierra, could this be the start of
something big (in a QRP sense)? Could I possibly satisfy my thirst for
email
contact and get some operating in at the same time? Could I reduce my email
bill? Questions, questions, questions.

72
Ed

Sure, why not? There are a number of Amtor/Pactor BBSs and I would
encourage
everyone to use and support them.

73 and live better digitally

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: bkassel@enet.net (Brian Kassel)
Subject: [3252] Re: QRP TTY unit ("TQ1"), tentative desc
Message-ID: <199601232357.QAA20602@maple.enet.net>

At 08:27 AM 1/23/96 EST, Cummings, Jim: DGRB wrote:

>Sure, why not? There are a number of Amtor/Pactor BBSs and I would
>encourage
>everyone to use and support them.

I run a WINLINK BBS here in the Phoenix valley, and would *love* to
see QRP'ers use it, either for private messages, or for simply as
a propogation study medium.
I scan about 20 discrete frequencies in the 80 through 17 meter bands,
24 hours/day 7 days a week. Both AMTOR and PACTOR modes are supported.
If anyone out there needs more info, drop me an E-MAil.
Brian
Brian D. Kassel W5VBO
K.C. Consulting

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: KT3A@aol.com
Subject: [3206] Re: SSB / VHF Contests
Message-ID: <960123104819_124762442@mail02.mail.aol.com>

In a message dated 96-01-22 22:25:27 EST, malman@bbnplanet.com (Joel Malman)
writes:

>, by attaching a vertical to a dead tree stump about 50 feet
>from the shack. Any lawyers out there who can offer some ham/condo advice?
>
>My best guess is, that I have QRP fun for the 6 months it takes before the
>Condo Rules are changed and I have to remove the vertical.
>
>cheers,
>
>/joel   wa1qvm malman@bbn.com
>
>
>

Joel,

Okay, when they make you take it off of the stump,
go and mount on it on your car. Run the coax in
through a window or dryer vent to the shack. You
could even attach a counterpoise to the car. (Just
remember it's there when you have to drive some
where.) :^) What size vertical did you have in mind?
72 de cameron, kt3a

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: markem@primenet.com (Mark Monninger)
Subject: [3263] Re: Ten-Tec 6M SSB-CW-FM Transverter
Message-ID: <199601240237.TAA21237@usr3.primenet.com>

At 03:06 PM 1/23/96 EST, Roger Hightower wrote:
>Mark, AA7TA has built one and had it at our last club meeting. A very nice
>rig, and I'm considering getting one. Perhaps Mark will give us a review of
>his after he reads this, :-)

Did someone mention my name?

Well I did indeed buy & build a TenTec 6M xvrtr. However, I must confess I haven't worked anyone with it yet. I haven't had time to put up a decent antenna yet. I have everything I need except the round tuit.

My impressions are that it's a high quality kit. Good design, good parts, excellent manual, decent price. I get just under 10W out, measured on my OHR wattmeter into a Heathkit Cantenna. I built it for 5W input but it seems to develop full output whether fed from my Cascade on SSB or from my NN1G cw xcvr which puts out about 1.25W. Then again, the input power doesn't determine output power as it would with an amp, you just gotta get enough RF into it to mix with the LO to get 50MHz.

I'm thinking of homebrewing a 3 el beam (never had a beam before) when I have time (and find that elusive round tuit).

Before I decided to go for it, I asked the list for experiences/opinions and received nothing but positive replies.

I saw their ad in Feb QST and must admit that the 6M FM kit that will be available in a couple months looks awfully tempting...

73...   Mark   AA7TA

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [3207] Re: TenTec 2M Rig
Message-ID: <199601231559.JAA28827@alice.adsnet.com>

At 10:31 AM 1/23/96 EST, you wrote:

>Interesting that FCC regs forbid sales of add-on power amp.
>News to me. I didn't know that 6M was a QRP band. I understand
>the concern for TVI, being close to Channel 2 and all, but guess
>there is no rhyme or reason in everything.
>
>Chuck Adams (K5FO CP-60) adams@sgi.com
>Box 181150, Dallas, TX 75218-8150

Don't know exactly how it works but I know part of it came about when 10 M amps were banned. Many of the amps sold for 6M use actually tuned down to eleven meters and were used there. Mostly dirty little jobs running 4 TV sweep tubes in parallel. Mirage, KLM and others sell 6M amps so go figure?

73 de Allen, K9DZE
==========
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI G-QRP NorCal QRP-L #112
==========

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: N5EM@aol.com
Subject: [3214] Re: TenTec 2M Rig
Message-ID: <960123111504_204556163@mail06.mail.aol.com>

In a message dated 96-01-23 10:36:15 EST, you write:

>
>Interesting that FCC regs forbid sales of add-on power amp.
>News to me. I didn't know that 6M was a QRP band. I understand
>the concern for TVI, being close to Channel 2 and all, but guess
>there is no rhyme or reason in everything.
>
>

Actually, this is a hold over from the CB linear ban. The old "wideband" "amateur" linear amps would cover 3.5 - 30 mhz. and were used almost exclusively for CB. They were banned. Typical of govermental regulations, they covered all the way to 6m so that some "innovative" manufacturer couldn't make a "6 meter" linear amp that coincidentally worked at 11 meters. Hence the ban inclusion of 6m. You can buy a rig with a built-in power module that runs up to legal limit but not an external amp that works from a low power exciter. It's also legal to make an amplifier that requires 100 watts or so to drive it since that could not be used with a 5 watt CB

rig. Since 624 apparently makes a kit that works on 6m it must be OK to sell a kit to a licensed amateur.

I am sure there is something else about the wording I missed but that's the pertinent points.

Chuck, can you really type that fast or did you scan that stuff into a file. Man, ask a question, 10 minutes later you get 2 pages of information. What a guy! Guess you type as fast as you copy code.

72
Ed

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: prvalko <prvalko@Oakland.edu>
Subject: [3221] Re: TenTec 2M Rig
Message-ID: <Pine.OSF.3.91.960123114334.8805A-100000@saturn.acs.oakland.edu>

There are several annoying issues with Ten Tec's ad and the 6M outboard amp "regulation."

I am curious if the rule against "manufacturing" a 6M (hence, C.B. capable) included MARKETING a KIT??? No doubt it did, as it WAS a federal government policy.

I wonder if Ten Tec could sell the board and case? Perhaps everything but the final PA transistor? I wonder why the whole kit could not have been made with a 50-100 watt final?

Oh well, this IS the QRP reflector and five watts on six to a beam, during an E opening, at the top of the sun spot cycle, should work FB.

73 =paul= wb8zjl   TO-NITES' FOX **** 9pm-11pm EST 7.040 ****

p.s. Just got my room at the Daze Inn *AND* found out I got a VIP pass to The Whitehouse for our family vacation next month :-) Life is GOOD.

From qrp-l@lehigh.edu Wed Jan 24 03:32:00 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [3202] Re: TS-130V / OHR wattmeter for sale

Message-ID: <Pine.3.89.9601161017.A2022-0100000@w3eax.umd.edu>

I'd like the WM-1. Would you even consider $57 shipped?

Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440
** Yes, you CAN do VHF contests with 25W and omni antennas **
Still stuck at 138 countries confirmed on HF w/dipoles...
72 & 73 from suburban DC 301-549-1022 (h) 301-982-1015 (w)

On Tue, 23 Jan 1996, Gary wrote:

> Hello, I have a TS-130V for sale, it's in near mint condition, front panel is
> mint, with just a few slight mars on the case. It comes with a 270 HZ CW filter
> and a hand mic and manual. Asking $465.00 plus shipping.
>
> I also have a Oak Hills Research WM-1 QRP wattmeter for sale , it's six months
> old, mint , asking $65.00 plus shipping (manual included)
>
> If interested please respond direct as I'm not currently subscribed to the list.
>
> Gary WB8POK
>
> garyn@tir.com
> garyn@sun.tir.com   <Gary>
> Amateur Radio - WB8POK
> TRS-80 -> VIC20 -> Apple IIE -> IBM PC -> 386SX16 -> 486/80 -> DEC Alpha ? :)
>
>
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